



Pinellas County Local Mitigation Strategy (LMS) Working Group
Intent to Apply: Hazard Mitigation Grant Program (HMGP) Application for [Hurricane Milton \(DR-4834\)](#)

Applicant Name	Project Name*	LMS Goal Project Addresses	LMS Objective Project Addresses	Estimated Total Project Cost	HMGP Funds Requested**	Is 25% Match Currently Funded?	Is project currently listed in the LMS?
Pinellas County Utilities	William E. Dunn Advanced Water Reclamation Facility Backup Power and Pumping Enhancements	Become a More Disaster Resilient Community	Prevention	\$630,000	\$472,500	Yes	No

Project Description (Include how the project will address the Goal and Objective identified above.)

Pinellas County proposes to enhance the disaster resilience of the William E. Dunn Advanced Water Reclamation Facility through the acquisition of one 400kW and four 60kW pump station generators and two 6-inch bypass pumps, with an estimated total project cost of \$630,000. This project, submitted for funding under the Hazard Mitigation Grant Program (HMGP), directly addresses the goal of fostering a disaster-resilient community by mitigating the risk of sanitary sewer overflows (SSOs) during hurricanes and other emergency events, such as tropical storms, floods, or power outages.

The William E. Dunn Advanced Water Reclamation Facility is a critical component of the community's wastewater management system, serving approximately 100,000 residents and businesses (see attached Capacity Analysis Report, pg. 33). During hurricanes and severe weather events, power outages and increased stormwater inflows can overwhelm the facility, leading to SSOs. These overflows pose significant risks, including contamination of water bodies, damage to public and private property, and public health hazards from exposure to untreated wastewater. The 400kW and 60kW generators will ensure continuous operation of the facility's pump station during power disruptions, maintaining wastewater processing and preventing system failures. The two 6-inch bypass pumps will provide additional capacity to divert excess flows, reducing the likelihood of overflows during peak storm events.

This project aligns with the objective of enhancing community resilience by implementing long-term hazard mitigation measures. By ensuring the facility's operational continuity, the equipment will protect the community from the environmental, economic, and health impacts of SSOs. The generator and bypass pump will enable the facility to maintain service during and after disasters, supporting rapid recovery and minimizing disruption to essential services. The project is consistent with Pinellas County's Local Mitigation Strategy, which prioritizes infrastructure protection and flood risk reduction.

The proposed equipment is technically feasible, cost-effective, and compliant with federal and state regulations, including the Florida Building Code. A benefit-cost analysis (BCA) using FEMA's approved toolkit will demonstrate the project's cost-effectiveness by quantifying avoided losses from SSO-related damages, cleanup costs, and health impacts. The project will be implemented in coordination with the Pinellas County Local Mitigation Strategy (LMS) Working Group to ensure alignment with regional mitigation priorities.

By investing in this critical infrastructure upgrade, Pinellas County will significantly reduce the vulnerability of its wastewater system to natural hazards, safeguarding public health, protecting the environment, and advancing the community's resilience to future hurricanes and emergency events. **Please see attached "Capacity Analysis Report" to support the population estimate serviced by W.E. Dunn Facility (pg. 33).**

***If the project is already listed in the LMS, please use the same project name as what is shown in Table D-1 Mitigation Initiatives.**

Please fill out a scoring sheet for each project even if the project is already listed in the Table D-1.

****Note that applicants can only request a maximum of 75% of the total project cost unless seeking a Global Match (Global Match process is explained in the Notice of Funding Availability - Page 4).**